CVE-2021-46877

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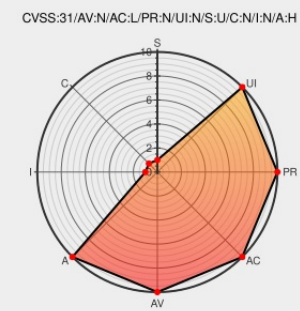

Certain versions of Jackson-databind from Fasterxml contain the following vulnerability:

jackson-databind 2.10.x through 2.12.x before 2.12.6 and 2.13.x before 2.13.1 allows attackers to cause a denial of service (2 GB transient heap usage per read) in uncommon situations involving JsonNode JDK serialization.

CVE-2021-46877 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVE References

Description	Tags	Link
Possible DoS if using JDK serialization to serialize `JsonNode` · Issue #3328 · FasterXML/jackson-databind · GitHub	github.com text/html	MISC github.com/FasterXML/jackson-databind/issues/3328
Jackson 2.12.6 and 2.13.1 patch releases: one CVE fix	groups.google.com text/html	MISC groups.google.com/g/jackson-user/c/OsBsirPM_Vw

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Fasterxml	Jackson-databind	All	All	All	All
Application	Fasterxml	Jackson-databind	2.13.0	-	All	All
Application	Fasterxml	Jackson-databind	2.13.0	rc1	All	All
Application	Fasterxml	Jackson-databind	2.13.0	rc2	All	All
Application	Fastxml	Jackson-databind	All	All	All	All
Application	Fastxml	Jackson-databind	2.13.0	-	All	All
Application	Fastxml	Jackson-databind	2.13.0	rc1	All	All
Application	Fastxml	Jackson-databind	2.13.0	rc2	All	All

cpe:2.3:a:fasterxml:jackson-databind:*:*:*:*:*:*:*:*:

cpe:2.3:a:fasterxml:jackson-databind:2.13.0:-:*:*:*:*:*:*:

cpe:2.3:a:fasterxml:jackson-databind:2.13.0:rc1:*:*:*:*:*:*:

cpe:2.3:a:fasterxml:jackson-databind:2.13.0:rc2:*:*:*:*:*:*:

cpe:2.3:a:fastxml:jackson-databind:*:*:*:*:*:*:*:*:

cpe:2.3:a:fastxml:jackson-databind:2.13.0:-:*:*:*:*:*:*:

cpe:2.3:a:fastxml:jackson-databind:2.13.0:rc1:*:*:*:*:*:*:

cpe:2.3:a:fastxml:jackson-databind:2.13.0:rc2:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-46877 : jackson-databind 2.10.x through 2.12.x before 2.12.6 and 2.13.x before 2.13.1 allows attackers to… twitter.com/i/web/status/1…	2023-03-18 22:08:22
/r/netcve	CVE-2021-46877	2023-03-18 23:38:22

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